

SOIL CONDITION

Soil properties (indicator status: for advice)

An understanding of soil properties and their related processes is critical for effective resource management to assist in attaining the goals of sustainable production and environmental protection. The measurement of the following indicators is recommended to monitor soil condition:

- soil acidity (pH);
- soil organic carbon;
- soil erosion by water; and
- soil erosion by wind.

These indicators have been selected because they are simple, measurable, accurate, reliable and timely attributes, appropriate for collection at regional, State and national scales. Soil pH and organic carbon content control a range of other soil properties and processes and are thus suitable as broad indicators of soil condition and change. They are also feasible attributes to monitor directly.